

Converting Colors

CIELCh(67, 19.241, 218.674)

Have a look what the booklet for
CIELCh(67, 19.241, 218.674)
contains.

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Color

CIELCh(67, 19.346, 218.220)

Conversions

Conversions Part 1

Format	Color
Hex	74ACB8
RGB	116, 172, 184
RGB Percent	45%, 67%, 72%
CMY	0.5455, 0.3259, 0.2788
CMYK	0.37, 0.07, 0.00, 0.28
HSL	191°, 32%, 59%
HSV	191°, 37%, 72%
XYZ	30.5659, 36.6320, 50.7545
YIQ	156.6240, -37.2280, -8.1400

Conversions

Conversions Part 2

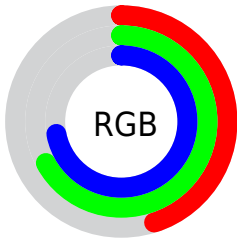
Format	Color
R _Y B	116, 147, 184
Decimal	7646392
CIE Lab	67.00, -15.20, -11.97
CIE LCh	67, 19.346, 218.220
Yxy	36.6320, 0.2591, 0.3106
Android (android.graphics.Color)	4285836472 (0xFF74ACB8)
YUV	156.6240, 13.4964, -35.6272
Hunter-Lab	60.5244, -15.7719, -7.3523

Details

The CIELCh color **67, 19.346, 218.220** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 25.218, 37.111**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 19.411, 218.950**, and **47, 19.442, 217.337** is the 20% darker color. If you saturate the color by 10%, you get **65, 23.464, 219.079**, and if you desaturate by 10%, it is **69, 14.674, 217.607**.

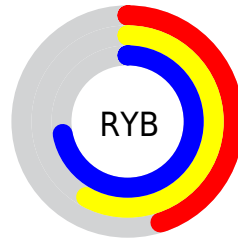
Distribution



Red (45%)

Green (67%)

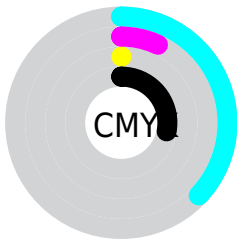
Blue (72%)



Red (45%)

Yellow (58%)

Blue (72%)

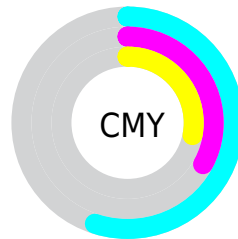


Cyan (37%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (55%)


Magenta (33%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 19.346, 218.220 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 67, 19.346, 218.220 by changing the saturation by 10% instead.


 67, 19.346,
218.220


 67, 19.346,
218.220


 100, 19.346,
218.220


 57, 19.346,
218.220


 87, 19.346,
218.220

 47, 19.346,
218.220

 97, 19.346,
218.220

 37, 19.346,
218.220

 27, 19.346,
218.220

 17, 19.346,
218.220

 7, 19.346, 218.220

 0, 19.346, 218.220

67, 19.346,
218.220

67, 19.346,
218.220

65, 23.464,
219.079

69, 14.674,
217.607

63, 26.946,
220.252

71, 9.538, 217.206

73, 4.026, 217.016

62, 29.729,
221.804

75, 1.783, 36.457

61, 31.786,
223.811

78, 7.818, 36.632

59, 33.140,
226.342

80, 14.020, 36.686

83, 20.340, 36.777

58, 33.903,
229.428

85, 23.639, 38.832

58, 34.100,
230.401

85, 23.071, 43.563

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67, 19.346, 218.220



59, 25.218, 37.111

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67, 19.346, 218.220



67, 19.346, 268.220



67, 19.346, 38.220



67, 19.346, 88.220

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67, 19.346, 218.217



92, 7.791, 217.063



69, 40.180, 146.502



48, 5.213, 217.090



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 19.346, 218.217



84, 27.561, 218.861



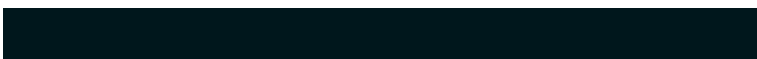
58, 26.530, 277.109



38, 3.247, 217.034



49, 30.122, 229.909



6, 8.606, 225.380

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58, 39.988, 332.035



70, 58.464, 332.552



67, 26.721, 86.365



36, 6.115, 330.254



35, 69.752, 336.622



3, 15.740, 332.693

Previews

White Background



This preview shows how the CIELCh color 67, 19.346, 218.220 looks on a white background.

Color Contrast Check

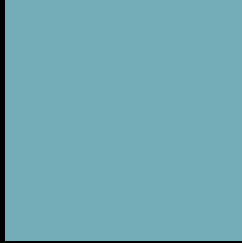
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 67, 19.346, 218.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 19.346, 218.220

Background



This preview shows how black text looks on a background with the CIELCh color 67, 19.346, 218.220.

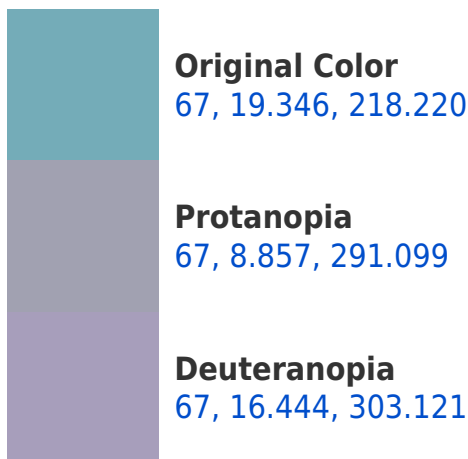


This preview shows how white text looks on a background with the CIELCh color 67, 19.346, 218.220.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia
67, 19.467, 219.858

Trichromacy



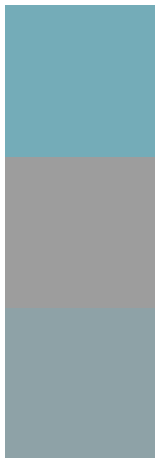
Original Color
67, 19.346, 218.220

Protanomaly
67, 10.736, 249.850

Deuteranomaly
67, 13.618, 268.866

Tritanomaly
67, 19.467, 219.858

Monochromacy



Original Color
67, 19.346, 218.220

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.724, 220.014

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 19.346, 218.220 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(116, 172, 184)` looks like.

```
.text, #text, p{  
    color:rgb(116, 172, 184)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(116, 172, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 172, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 19.346, 218.220 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(116, 172, 184) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(116, 172, 184) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(116, 172, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 172, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 172, 184);  
box-shadow:4px 4px 4px 4px rgb(116, 172,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 19.346, 218.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 172, 184) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(116,  
172, 184) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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